User's Manual

810DBI

BLUETOOTH®-ENABLED
IN-DASH MP3-COMPATIBLE DIGITAL MEDIA AM/FM RECEIVER
FEATURING iPhone® DOCKING CRADLE AND USB AND SD MEMORY CARD PORTS AND FRONT PANEL AUX INPUT

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IN-DASH MP3-COMPATIBLE DIGITAL MEDIA AM/FM RECEIVER
FEATURING iPhone® DOCKING CRADLE AND USB AND SD MEMORY CARD PORTS AND FRONT PANEL AUX INPUT

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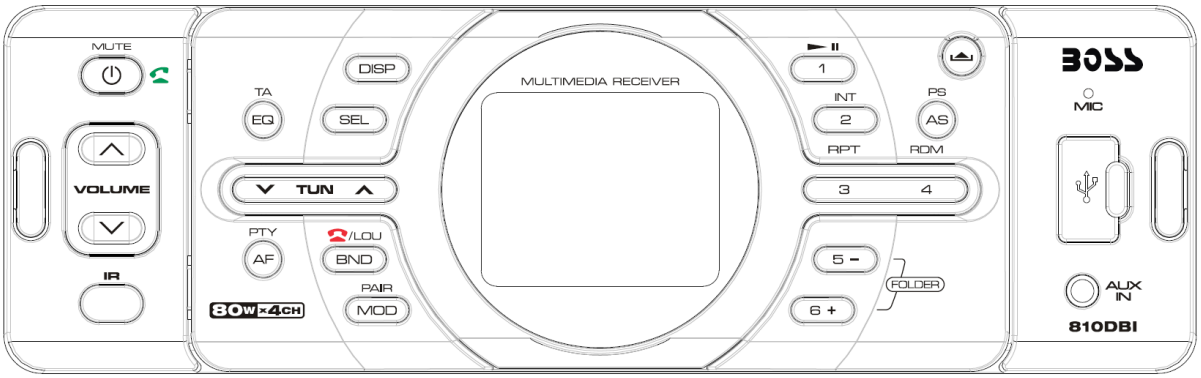
810DBI

OWNER'S MANUAL

Mobile Audio System



- **PLL Synthesizer Stereo Radio**
- **Automatic Memory Storing**
- **Detachable Control Panel**
- **RBDS Operation**
- **Bluetooth Hands-free function & A2DP (Advanced Audio Distribution Profile) Stereo Audio Transmission**
- **Auxiliary Input Function**
- **USB Interface**
- **Memory Card Interface**
- **Working for iPhone**
- **Remote Control**

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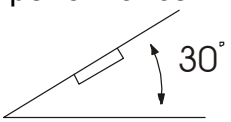
INSTALLATION

Notes:

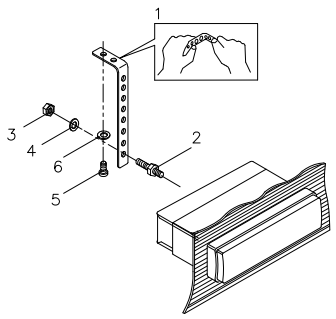
- Choose the mounting location where the unit will not interfere with the normal driving function of the driver.
- Before finally installing the unit, connect the wiring temporarily and make sure it is all connected up properly and the unit and the system work properly.
- Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.
- Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.
- Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop, like an emergency stop.
- If installation angel exceeds 30° from horizontal, the unit might not give its optimum performance.



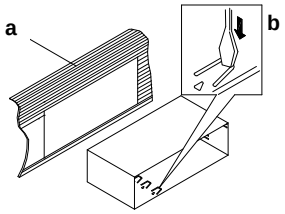
- Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or hot air, from the heater, or where it would be subject to dust, dirt or excessive vibration.

DIN FRONT-MOUNT (Method A)

Installing the unit



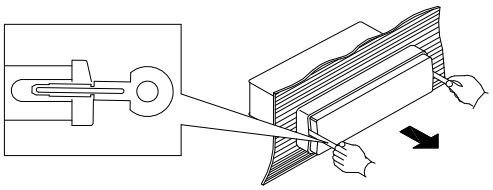
(1) Metal Strap
Be sure to use the strap to secure the back of the unit of the place. The strap can be bent by hand to the desired angle.
(2) Mounting Bolt
(3) Hex Nut
(4) Spring Washer
(5) Tapping Screw
(6) Plain Washer



(a) Dashboard
(b) Holder
After inserting the holder into the dashboard, select the appropriate tab according to the thickness of the dashboard material and bend them inwards to secure the holder in place.

Removing the unit

Insert both of the supplied keys into the slots at the middle left and right sides of the unit, then pull the unit out of the dashboard.

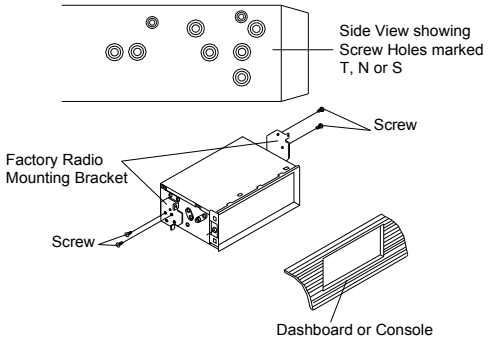


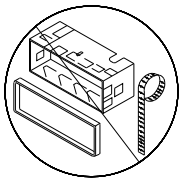
DIN REAR-MOUNT (Method B)

If your vehicle is a Nissan, Toyota, follow these mounting instructions.

Use the screw holes marked T (Toyota), N (Nissan) located on both sides of the unit to fasten the unit to the factory radio mounting brackets supplied with your vehicle.

INSTALLATION





To fasten the unit to the factory radio mounting brackets.

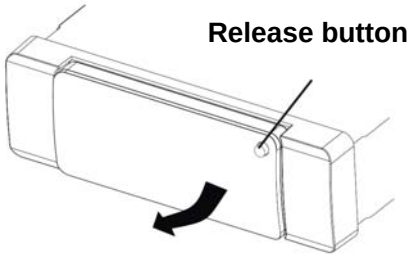
Align the screw holes on the bracket with the screw holes on the unit, and then tighten the screws (5x5mm) on each side.

Note: the outer trim ring, sleeve and the metal strap are not used for method B installation.

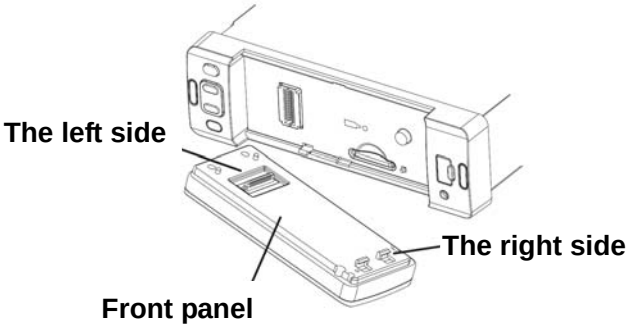
USING THE DETACHABLE CONTROL PANEL

Detach the Control panel

1. Press the Release button, the front panel will be folded down.

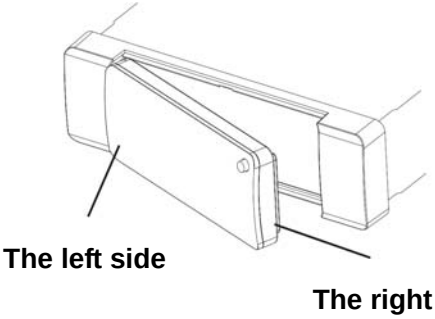


2. To remove the front panel, lift it up at a little angle from horizontal position, then first pull out the right side and then pull out the left side.



To Install the Control Panel

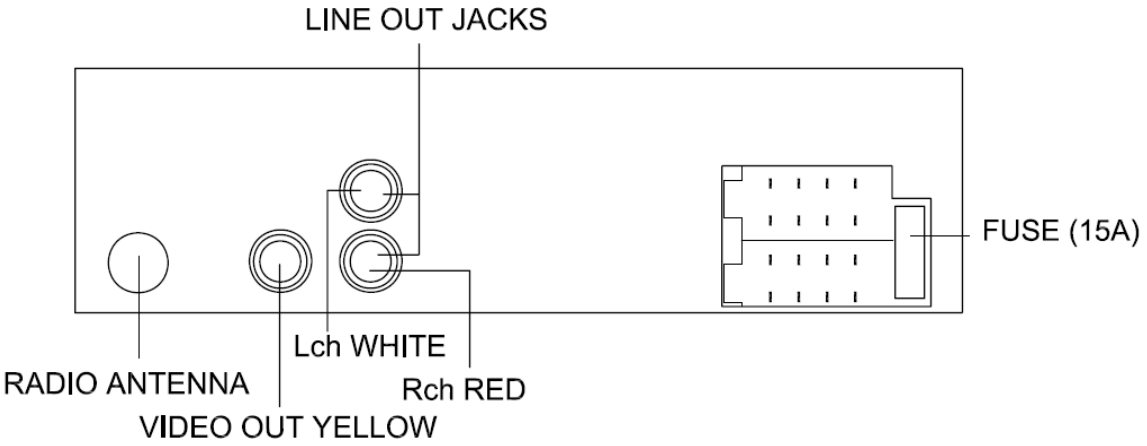
To install the front panel, first insert the left side into proper position insert the right side into place.

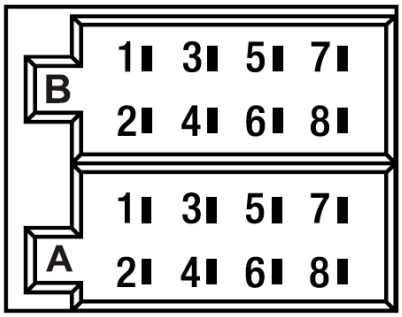


Precautions when handling

1. Do not drop the control panel.
2. Do not put pressure on the display or control buttons when detaching or re-installing the control panel.
3. Do not touch the contacts on the control panel or on the main unit body. It may result in poor electrical contact.
4. If any dirt or foreign substances adhered on the contacts, they can be removed with a clean and dry cloth.
5. Do not expose the control panel to high temperatures or direct sunlight in anywhere.
6. Keep away any volatile agents (e.g. benzene, thinner, or insecticides) from touching the surface of the control panel
7. Do not attempt to disassemble the control panel.

WIRING CONNECTION





Connector A

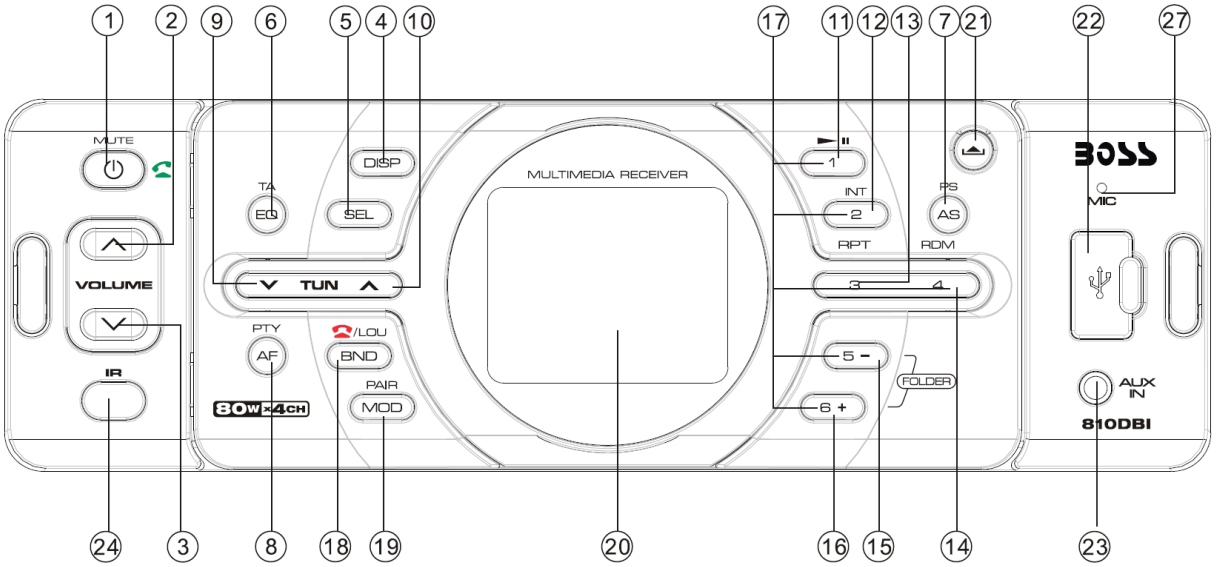
1. N.C
2. N.C
3. N.C
4. MEMORY +12V (YELLOW)
5. AUTO ANTENNA OUTPUT (BLUE)
6. N.C
7. +12V (TO IGNITION KEY) (RED)
8. GROUND (BLACK)

Connector B

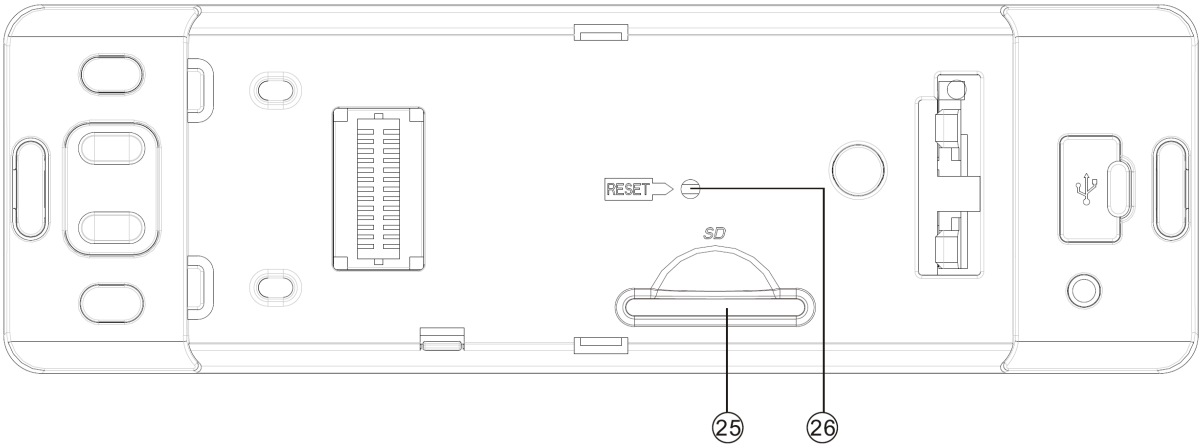
1. REAR RIGHT SPEAKER (+) (VIOLET)
2. REAR RIGHT SPEAKER (-) (VIOLET/BLACK)
3. FRONT RIGHT SPEAKER (+) (GRAY)
4. FRONT RIGHT SPEAKER (-) (GRAY/BLACK)
5. FRONT LEFT SPEAKER (+) (WHITE)
6. FRONT LEFT SPEAKER (-) (WHITE/BLACK)
7. REAR LEFT SPEAKER (+) (GREEN)
8. REAR LEFT SPEAKER (-) (GREEN/BLACK)

OPERATION

LOCATION OF KEYS



When pressing the release button (1) to remove the detachable control panel:



1. ⏻/MUTE/ (power/mute/ pick up phone) button
2. VOLUME ∧ button
3. VOLUME ∨ button
4. DISP button
5. SEL button
6. EQ/TA button
7. AS/PS button
8. PTY/AF button
9. TUN ∨ button
10. TUN ∧ button
11. 1 ►II button
12. 2 INT button
13. 3 RPT button
14. 4 RDM button
15. 5 FOLDER- button
16. 6 FOLDER + button
17. 1-6 preset buttons
18. BND/ /LOU button
19. MOD/PAIR button
20. Liquid crystal display
21. ⏏ (release) button
22. USB interface
23. AUX IN jack
24. Remote sensor
25. Memory card interface
26. RESET button
27. MIC (Microphone)

OPERATION

BASIC OPERATION

SWITCHING ON/OFF THE UNIT

When connections completed, press ⏻ button (1) to switch on the unit. When system is on, press and hold ⏻ button (1) to turn off the unit.

CONTROL PANEL RELEASE

Press ⏏ button (21) to detach the removable control panel.

SOUND ADJUSTMENT

Press the **SEL** button (5) shortly to select the desired adjustment mode. The adjustment mode will change in the following order:

VOL → BAS → TRB → BAL → FAD

(Volume) (Bass) (Treble) (Balance) (Fader)

By using the volume ∧/∨ buttons (2&3), it is possible to adjust the desired sound quality.

SYSTEM SETTING

Press and hold the **SEL** button (5) on the front panel to enter system setting mode. Then shortly press the **SEL** button (5) to select the item you want to change and use the volume ∧ / ∨ buttons (2&3) to change the corresponding setting.

1) BEEP ON/OFF
   Use the volume∧/∨ buttons (2&3) to set Beep sound ON or OFF.
2) AREA EUR/USA
   In radio mode, use the volume ∧/∨ buttons (2&3) to set the different area frequency spacing.
3) HOUR 12H/24H
   Use the volume ∧/∨ buttons (2&3) to set 12Hours or 24Hours format
4) DIM HI/MID/LOW
   In this menu, use the volume ∧/∨ buttons (2&3) to change the brightness of the backlight among High, Middle and Low.
5) PCLK ON/OFF
   Use the volume ∧/∨ buttons (2&3) to set clock on or off when power off, when set PCLK ON, clock will appear with backlight on when power off.
6) TV OFF/ON
   Use the volume ∧/∨ buttons (2&3) to set TV on or off.
   How to set it please refer to the <iPhone Operation> below.
7) TA SEEK/ALARM
   Use the volume ∧/∨ buttons (2&3) to set TA SEEK or TA ALARM.
   Traffic announcements
   - TA SEEK: With activated TA function the unit searches for a station with traffic announcements.
   - TA ALARM: No automatic station search. The unit sounds a beep tone if no traffic information is received and NO TP/TA is displayed. SEEK PI is displayed if the selected station does not transmit an RBDS signal.

LOUDNESS

Press **BND/LOUD** button (18) for several seconds to reinforce the bass output and “LD ON” will appear. Press it for several seconds again to release this function.

SET THE CLOCK

Shortly press the **DISP** button (4) until the clock is shown on the display. Then hold the **DISP** button (4) until the clock flashes. Then press **TUN** ∧ (10) button to adjust the minutes and press **TUN** ∨ button (9) to adjust the hours.

DISPLAY INFORMATION

Press **DISP** button (4) to operate as the conversion of each display mode.

EQUALIZATION

Press **EQ** button (6) shortly to turn on equalization function and to select desired audio mode. There are five kinds of mode as below:

→ FLAT→CLAS→POP M→ROCK M→EQ OFF

OPERATION

MUTE

In USB/SD/Radio/Aux-in mode, press ⏻ button (1) shortly to mute down the sound instantly. Press it again to resume the sound.

When in iPhone tray mode, shortly pressing ⏻ button (1) can set TV ON mode or TV OFF mode when playing iPhone video program. And it is no function when playing music.

LIQUID CRYSTAL DISPLAY

Exhibit current frequency and activated functions on the display (20).

AUXILIARY INPUT

The unit can be connected to a portable audio player through the auxiliary input jack **AUX IN** (23) on the front panel. After finishing the connection, you can press **MOD** button (19) on the front panel to switch the mode to AUX mode.

REMOTE SENSOR

Point the remote control handset to the remote sensor (24). Press the function keys on the handset to control the system.

RESET FUNCTION

Reset button (26) must be activated with either a ballpoint pen or thin metal object. The reset button is to be activated for the following reasons:

- Initial installation of the unit when all wiring is completed.
- All the function buttons do not operate.
- Error symbol on the display.

Note: if press reset button (26), the unit can't work yet, please use a cotton swab soaked in isopropyl alcohol to clean the socket on the front panel.

POWER-DOWN MEMORY FUNCTION

The unit has the power-down memory function; some data will never lose even when power's off. You can press the numerical button **1** (11) and **MOD** button (19) together to clear the power-down memory function.

RADIO OPERATION

SWITCHING TO RADIO MODE

Press **MOD** button (19) shortly to select radio mode, the radio mode appears in the display together with the memory band and frequency.

SELECTING THE FREQUENCY BAND

At radio mode, press **BND** button (18) shortly to select the desired band.

The reception band will change in the following order:

FM1 → FM2 → FM3 → AM1 → AM2 →

SELECTING STATION

Press **TUN** ^ button (10) or **TUN** v button (9) shortly to activate automatic seek function. Press for several seconds until "**MANUAL**" appears on the display, the manual tuning mode is selected. If both buttons have not been pressed for several seconds, they will return to seek tuning mode and "**AUTO**" appears on the display.

AUTOMATIC MEMORY STORING & PROGRAM SCANNING

- Automatic memory storing
  Press **AS/PS** button (7) for several seconds, the radio searches from the current frequency and checks the signal strength until one cycle search is finished. And then 6 strongest stations are stored into the corresponding preset number button.
- Program scanning
  Press **AS/PS** button (7) shortly to scan preset station. When the field strength level is more than the threshold level of stop level, the radio is holding at that preset number for several seconds with release mute, then searches again.

OPERATION

STATION STORING

Press any one of the preset buttons (17) (1 to 6) to select a station, which had been stored in the memory. Press this button for several seconds to store the current station into the number button.

RBDS OPERATION

- Select PTY Program
  - Press **PTY/AF** button (8) once to select the PTY group. Then press the volume ∧/∨ buttons (2&3) to select the PTY program and press **TUN** ∧ (10) or ∨ (9) to search.
  - When PTY ON, press **PTY/AF** button (8) again to cancel the PTY function.
- Listening to Traffic Announcement
  Press and hold **EQ/TA** button (6), the unit will search Traffic Announcement automatically. Press and hold **EQ/TA** button (6) again will exit TA mode.

Note：When selecting AREA EUR in system setting, **AF** button is used to switch on or off RDS function.

USB PLAY OPERATION

There is an USB interface (22) on the front panel of the unit. You can connect an USB driver through this interface.

When you connect an USB driver through the interface, the unit will search the MP3/WMA files and start to play it automatically. In other mode, you can also press **MOD** button (19) to select USB mode.

When playing the MP3/WMA files in the device, the operation is the same with the MP3 operation described above.

SELECTING TRACKS

Press **TUN**∨ button (9) or ∧ button (10) to move to the previous track or the following track. Track number shows on display.

Hold **TUN** ∨ button (9) or ∧ button (10) to fast reverse or fast forward. The play starts from when you release the button.

PAUSING PLAYING

Press ►II button (11) to pause play. Press it again to resume play.

SELECTING FOLDER UP/DOWN

Press **FOLDER-** button (15) or **FOLDER+** button (16) to select folder downward or upward. If the MP3/WMA files do not contain any folder, there is no function of pressing **FOLDER-** button (15) or **FOLDER+** button (16).

PREVIEWING TRACKS

Press **INT** button (12) to play first several seconds of each track. Press again to stop intro and listen to track.

Press and hold **INT** button (12) to play first several seconds of each track in the current folder and “INT” will flash on the display. Press it again to exit this mode.

REPEATING TRACKS

Press **RPT** button (13) to continuously repeat the same track. Press it again to stop repeat.

Press and hold **RPT** button (13) to repeat all tracks in the current folder and “RPT” will flash on the display. Press it again to exit this mode.

PLAYING TRACKS IN RANDOM

Press **RDM** button (14) to play all tracks on the USB in random order. Press again to cancel the function.

Press and hold **RDM** button (14) to play all tracks in the current folder in random order and “RDM” will flash on the display. Press it again to exit this mode.

SELECTING TRACKS BY AS/PS BUTTON

AS/PS button (7) is assigned as Digital Audio Mode selection button operation.

When pressed, it is activated as selecting each mode of Digital Audio.

OPERATION

"Searching track directly" => "Searching Directory or File Name"=> "Navigation" from root => "Navigation" from current directory.

□ **Searching Track Directly**
Press **AS/PS** button (7) for one time. The unit searches the track selected by the volume ∧/∨ buttons (2&3). Then press the **SEL** button (5) or **BND** button (18) to start playing the track.

□ **Searching Directory or File Name**
Press **AS/PS** button (7) two times. The unit searches files and directories that have the same character which is inputted by the user pressing volume ∧/∨ buttons (2&3).
Explain as follows:
- Use the volume ∧/∨ buttons (2&3) to select the characters A to Z, blank, 0 to 9, _, -, +.
- Press the **SEL** button (5) to confirm entry of each character.
- Press **BND** button (18) to start the title search.

□ **Searching From Root Directory**
Press **AS/PS** button (7) three times. The unit searches file or directory from root by the volume ∧/∨ buttons (2&3).
Select the desired directory/songs by using the volume ∧/∨ buttons (2&3) and **BND** button (18) to confirm. If the selected title is a song, it starts to play.
If the selected title is a directory name, display will show (' '), then
- Use the volume ∧/∨ buttons (2&3) to list all songs under this directory and select the title.
- Press **BND** button to confirm and start the play.
- Repeat the above steps if the newly selected title is again a directory.

□ **Searching From Current Directory**
Press **AS/PS** button (7) four times. The unit searches file or directory from current directory by the volume ∧/∨ buttons (2&3). The user can select the directory or file in the directory by the volume ∧/∨ buttons (2&3). The selected file can be played by pressing **BND** button (18).

DISPLAY INFORMATION
Press **DISP** button (4) to show the following information, such as the clock, ID3 TAG (if available: song title, directory name, artist name, other contents…) (FOR MP3 ID3 FUNCTION VERSION ONLY) and other information.

Note:
- The main unit can only support the standard USB-memory device.
- USB MP3 player is not a standard which means different brand name or different models have their own standard. So our product cannot support all MP3 players.
- When connecting an MP3 player and there has normal battery in the player (non rechargeable battery), you should remove the battery from the MP3 player then connect it to the USB interface. Otherwise, it may cause battery burst.
- When in USB play mode, be sure not to remove the USB driver from the USB interface.

MEMORY CARD OPERATION

When removing the control panel, you will see a memory card interface (25) on the housing of the unit.
When you insert a memory card in the memory card interface, the unit will search the MP3 files in the card and start to play MP3 files automatically.

OPERATION

The operation is the same with the MP3 operation described above. If in other mode, you can also press **MOD** button (19) to select memory card play mode.

CAUTION

When there are important files in the USB device or memory card, do not connect it to the main unit to play. Because any wrong operation may cause files loss. And our company assumes no responsibility for this.

BLUETOOTH OPERATION

PREPARING FOR OPERATION

(1) When use Bluetooth, please make sure the mobile phone supports Bluetooth function.

(2) For the different kind of mobile phone, Bluetooth emissive power has some difference. To get the best conversation quality, it is commended that the distance between the mobile phone and the unit is within 3m. And please don't put any metal object or any obstacle between the path of the mobile phone and the unit.

PAIRING

1) Long pressing **MOD/PAIR** button (19) until LCD display "BTPAIR" to enter paring mode. On the mobile phone, select the Bluetooth set up. (Please refer to the instruction manual of your mobile phone on how to operate Bluetooth.)
2) "BOSS AUDIO" should appear in the list on your mobile phone, please select "BOSS AUDIO" and then input password "0000".
3) The unit has auto pairing function, it will searching the Bluetooth mobile phone automatically.
4) When successful paired, "CON OK" will be displayed on LCD for several seconds.
5) If pairing failed, try to pair again within several seconds. You can refer to the operation about your mobile phone, delete the device that just searching for and repair again.
6) During pairing, if you want to exit it, long pressing **MOD/PAIR** button (19) unit LCD appears "PA END".

ANSWERING/REJECTING AN INCOMING CALL

When a call coming. You can press button (1) to answer the call, or press button (18) to reject the incoming call.

MAKING AN OUTGOING CALL

Making an outgoing call by inputting the phone number manually.

Press button on the remote control first, then use 0~9, *, # buttons on the remote control to enter the phone number you want to dial. Then press button again will call the number.

TEN LAST NUMBER (RECEIVED/ DIALED/ MISSED) ACCESS FUNCTION

If a phone is paired and connected, short press **SEL** button (5) to select VOL /BAS /TRB /BAL/ FAD/ RECEIVED/ DIALED/ MISSED in order.

When selecting RECEIVED (or DIALED, or MISSED), you can rotate the volume knob to access the last 10 numbers (When there is no number, it will show "EMPTY"). And you can shortly press button on the remote control to confirm the dialing when select one number.

TRANSFER THE CALL BETWEEN MOBILE PHONE AND THE UNIT

During the talking mode, you can press button (1) for several seconds to transfer the phone call between the mobile phone and the unit.

Note:

If you transfer the call to mobile phone, the mute of the present mode will be released at the same time.

OPERATION

BLUETOOTH AUDIO (A2DP FUNCITON)

The unit supports Bluetooth audio function. If your mobile phone can play stereo audio, when the paring is ok, you can select an audio file and set to A2DP function on your mobile phone (It is up to the mobile phone, the different mobile phone has the different define.)

When in A2DP mode, only **TUN** ⌄/⌃ buttons on the main unit or ⏮ /⏭ buttons on the remote control and ⏯ button on the unit or **PAU** button on the remote control are functional.

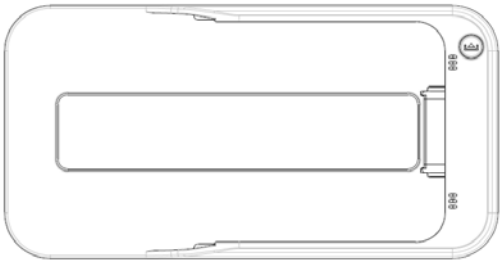
Use **TUN** ⌄/⌃ buttons (12&13) on the unit or ⏮ / ⏭ buttons on the remote control to choose the previous/next track.

Press ⏯ button on the unit or **PAU** on the remote control to pause the play.

iPhone OPERATION

The unit is designed to work for iPhone. Be sure to remove detachable control panel on the unit, then you can install the iPhone to the main unit. Note the iPhone should be placed on the iPhone tray then install it to the main unit.

See below, there is a type of iPhone 4 tray supplied with the main unit.



iPhone 4 tray
(Compatible with iPhone 4/4S)

Note:

- You can use the Video output jack at the back of the unit to view the video of your iPhone on an external monitor (not provided).
  When playing iPhone video program, you can set TV ON mode or TV OFF mode with ⏻ button (1).
  - In TV OFF mode the video is viewed on the iPhone screen and OFF on video output.
  - In TV ON mode, the video is stopped on your iPhone screen and ON on the video output.
- When you install the iPhone docking with the iPhone on the unit, the other modes (radio, AUX) are not available.
- When not removing the detachable control panel from the unit, you can also set TV ON or TV OFF mode in system setting by hold pressing the **SEL** button (5) on the front panel.

REMOTE CONTROL

FUNCTION KEYS & CONTROL

1. MODE/PAIR — Press it shortly to change the mode among Radio, CD, USB, CARD, AUX and BT Audio.
   Press and hold it to enter the pair function for BT operation.
2. ⏻/MUTE — When the unit is not on, shortly press ⏻ to turn on the unit.
   Press and hold it to turn the unit off.
   When the unit is on, shortly press it to mute the sound, shortly press it again to resume the sound.
3. ⏮ / ⏭ — Shortly press ⏮ / ⏭ to play the previous/next track. Press and hold ⏮ / ⏭ to fast reverse / forward.
   In radio mode, press ⏮ / ⏭ to tune down or up.
4. 📞 — In Bluetooth mode, press it to answer the incoming call.
5. 📵/ BND/LOU — In Bluetooth mode, press it to hung up the call or reject the incoming call. And the button serves as back spaces key.
   In Radio mode, press it to select the desired band. Press and hold the button to switch loudness function on or off.
   When playing WMA/MP3 disc, in searching mode, use it to confirm the selection.
6. VOL▼ — Press it to decrease the volume level.
7. INT, 2 — Press it to scan tracks.

REMOTE CONTROL

8. PAU, 1	Press it to pause the playback, press it again will resume the playback.
9. DIR▲, 6	When playing MP3/WMA files, use it to select directory upward.
10. DIR▼, 5	When playing MP3/WMA files, use it to select directory downward.
11. PTY, 9	Press **PTY** shortly to enter PTY select mode. In radio mode, press and hold it to enter LOCAL/DISTANT function.
12. AS/PS/SCH,*	Use **AS/PS** to automatic memory storing & program scanning. When reading WMA/MP3 format files, use **SCH** to search tracks. In Bluetooth mode, use it to input * icon.
13. DISP	Press **DISP** to change the display information. When reading MP3/WMA files, press it to display the corresponding information, such as: folder, file, song title, artist and album.
14. SCAN/CON, #	In radio mode, press **SCAN** to scan the frequency station. In Bluetooth mode, press **CON** to connect or disconnect the unit and the mobile phone. In Bluetooth mode, use it to enter # icon.
15. 7, AF	Press and hold it to change mono/stereo mode reception.
16. EQ/TA	Shortly press **EQ** to turn on equalization function and to select desired audio mode. Press and hold **TA** to switch TA mode on or off.
17. RPT, 3	Shortly press it to to continuously repeat the same track. When playing MP3/WMA disc press and hold it to repeat all the tracks in the current folder.
18. RDM, 4	Shortly press it to play all tracks on disc in random order. When playing MP3/WMA disc, press and hold it to play all tracks (in the current folder) in random order.
19. 0, 1~9	Numeric buttons.
20. SELECT	Press it to enter audio setting mode, the adjustment mode will change in the following order, such as: Bass → Treble →Balance →Fader Press and hold it to enter SYSTEM SETTING mode. And you can Use ⏮/⏭ to adjust to select the item, and use VOL ▲/▼ to adjust corresponding value.
21. VOL▲	Use it to increase the volume level.

Note：In RBDS mode, AF function is effective.

SPECIFICATION

GENERAL

Power Supply Requirements	: DC 12 Volts, Negative Ground
Tone Controls	
- Bass (at 100 Hz)	: ±10 dB
- Treble (at 10 kHz)	: ±10 dB
Maximum Output Power	: 4x80 watts
Current Drain	: 15 Ampere (max.)

USB/MEMORY CARD PLAYER

Signal to Noise Ratio	: More than 55 dB
Channel Separation	: More than 50 dB
Frequency Response	: 40Hz – 18 kHz

RADIO

	FM
Frequency Coverage	87.5 to 107.9 MHz (USA)
	87.5 to 108 MHz (Europe)
IF	10.7MHz
Sensitivity (S/N=30dB)	10dBu
Stereo Separation	>25dBu
	AM
Frequency Coverage	530 to 1710 KHz (USA)
	522 to 1620 KHz (Europe)
IF	450kHz
Sensitivity (S/N=20dB)	36dBu

Note:
Specifications and design are subject to modification, without notice, due to improvements in technology.

TROUBLE SHOOTING

Before going through the checklist, check wiring connection. If any of the problems persist after checklist has been made, consult your nearest service dealer.

Symptom	Cause	Solution
No power.	The car ignition switch is not on.	If the power supply is connected to the car accessory circuits, but the engine is not moving, switch the ignition key to “ACC”.
	The fuse is blown.	Replace the fuse.
No sound.	Volume is in minimum	Adjust volume to a desired level.
	Wiring is not properly connected.	Check wiring connection.
The operation keys do not work.	The built-in microcomputer is not operating properly due to noise.	Press the RESET button. Control panel is not properly fixed into its place.
The radio does not Work. The radio station automatic selection does not work.	The antenna cable is not connected.	Insert the antenna cable firmly.
	The signals are too weak.	Select a station manually.